

**The Urban District of Esher**



# **ANNUAL REPORT**

**OF THE**

**MEDICAL OFFICER OF HEALTH**

**AND THE**

**SENIOR SANITARY INSPECTOR**

**For the Year Ended December 31st**

**1951**



# Urban District of Esher

---

## ANNUAL REPORT of the Health and Sanitary Conditions for the Year 1951

---

JAMES BRYAN MORWOOD, M.B., F.R.C.S.I., D.P.H.,  
*Medical Officer of Health.*

REGINALD F. WHEELER, F.S.I.A., M.R.San.I.,  
*Senior Sanitary Inspector.*

## PUBLIC HEALTH COMMITTEE

*Chairman :* COUNCILLOR A. W. P. YOUNG.

COUNCILLOR	MRS. G. M. BETTS	COUNCILLOR	W. J. HALLT
..	E. V. BIRD	..	R. W. JUDGE
..	MISS W. E. BISIKER	..	D. MOON
..	V. J. BULLETT	..	J. T. O'BRIEN, M.B.E., J.P.
..	H. FRANCIS	..	E. ROYSTON PIKE

### *Ex-Officio Members :*

COUNCILLOR E. W. WALTERS, J.P. (*Chairman of the Council*).

COUNCILLOR S. V. ARNOLD (*Vice-Chairman of the Council*).

---

## PUBLIC HEALTH DEPARTMENT

### Personnel

#### Medical Officer of Health :

\*J. B. MORWOOD, M.B., F.R.C.S.I., D.P.H.

#### Senior Sanitary Inspector :

\*REGINALD F. WHEELER, F.S.I.A., M.R.SAN.I., A.M.I.S.E.

Certificates of the Royal Sanitary Institute as Sanitary Inspector and Inspector of Meat and other Foods.

#### Additional Sanitary Inspectors :

\*JOHN C. ARMSTRONG, M.S.I.A.,

Certificates of the Royal Sanitary Institute as Sanitary Inspector and Inspector of Meat and other Foods.

\*FRANK L. BARKER, M.S.I.A.,

Certificate of the R.S.I. and S.I. Joint Board as Sanitary Inspector.  
Certificates of the Royal Sanitary Institute as Inspector of Meat and other Foods, and in Sanitary Science.

#### Nurse :

MISS V. DAWSON, S.R.N.

#### Clerks :

MISS J. L. OLIVER.

MISS D. ARNELL.

C. G. E. MORRISON.

#### Pests' Officer

R. J. CLARKE.

#### Mortuary Keeper and Disinfecter :

J. H. DOLLEY.

---

#### Clerk and Solicitor of the Council :

FREDERICK EDWARDS.

#### Public Analyst :

D. D. MOIR, M.Sc., F.R.I.C.

---

\*Contribution of salary made from the Exchequer.

# Urban District of Esher

---

COUNCIL OFFICES,  
ESHER.

*July, 1952.*

*To the Chairman and Members  
of the Urban District Council.*

LADIES AND GENTLEMEN,

I have the honour to submit my Annual Report for the year 1951, which has been prepared in accordance with Ministry of Health Circular No. 42/51.

The health of the district remains good. Once again there have been no cases of Diphtheria and it is now more than 5½ years since the last case occurred.

During the year an immunisation campaign has been started against Whooping Cough, one of the other serious diseases of childhood, and the results have already proved promising.

Work on behalf of the welfare of old people continues. In September the National Assistance (Amendment) Act came into force. This provides for removal to hospital, without delay, of urgent cases in need of care and attention to whom Section 47 of the National Assistance Act, 1948, applies.

In conclusion, I should like to thank all members of the Council for their help and advice during the year and the staff for its co-operation.

I am, ladies and gentlemen,

Your obedient servant,

J. B. MORWOOD,  
*Medical Officer of Health.*

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (in acres) ... ..	14,847
Registrar General's estimate of resident population ... ..	51,210
Number of inhabited houses—end of 1951—according to rate books ... ..	15,256
Rateable Value ... ..	£704,607
Product of a penny rate 1951/52 ... ..	£2,864

### Extracts from Vital Statistics:—

	Total	M.	F.
Live Births ... ..	671	332	339
Legitimate ... ..		323	332
Illegitimate ... ..		9	7
Birth rate per 1,000 of the estimated resident population—13.1.			
Corrected birth rate—12.6.			

	Total	M.	F.
Still Births ... ..	18	8	10
Legitimate ... ..		7	10
Illegitimate ... ..		1	—
Rate per 1,000 (live and still) births—26.1.			

	Total	M.	F.
Deaths ... ..	605	295	310
Crude death rate per 1,000 of the estimated population—11.8.			
Corrected death rate—11.1.			

### Deaths from puerperal causes:—

	Deaths	Rate per 1,000 Total (Live & Still) Births
Puerperal sepsis ... ..	Nil	Nil
Other Maternal Causes ... ..	Nil	Nil

### Death rate of infants under 1 year of age:—

All infants per 1,000 live births ... ..	20.8
Legitimate infants per 1,000 legitimate live births ... ..	21.4
Illegitimate infants per 1,000 illegitimate live births ... ..	—

## BIRTHS

During the year 671 live births were registered, this being 56 less than last year's total. The rate per 1,000 population was 12.6 compared with the rate of 15.5 for England and Wales.

Of the total number 16 or 2.4% were illegitimate.

## DEATHS

During the year 605 deaths were registered, being 59 more than in 1950. The death rate was 11.1 per 1,000 compared with the rate of 12.5 for England and Wales. The infantile mortality rate was 20.8 per 1,000 live births and compares with 29.6 for the average of England and Wales.

## CAUSES OF DEATH

	M.	F.	Total
1. Tuberculosis, respiratory ... ..	6	1	7
2. Tuberculosis, other ... ..	2	1	3
3. Syphilitic disease ... ..	1	—	1
4. Diphtheria ... ..	—	—	—
5. Whooping cough ... ..	—	—	—
6. Meningococcal infections ... ..	—	—	—
7. Acute poliomyelitis ... ..	—	—	—
8. Measles ... ..	—	1	1
9. Other infective and parasitic diseases ...	1	—	1
10. Malignant neoplasm, stomach ... ..	4	3	7
11. „ „ lung, bronchus ... ..	15	2	17
12. „ „ breast ... ..	—	9	9
13. „ „ uterus ... ..	—	4	4
14. Other malignant and lymphatic neoplasms	27	26	53
15. Leukæmia, aleukæmia ... ..	—	4	4
16. Diabetes ... ..	1	2	3
17. Vascular lesions of nervous system ...	33	49	82
18. Coronary disease, angina ... ..	46	38	84
19. Hypertension with heart disease ... ..	4	7	11
20. Other heart disease ... ..	35	60	95
21. Other circulatory disease ... ..	20	24	44
22. Influenza ... ..	6	11	17
23. Pneumonia ... ..	13	15	28
24. Bronchitis ... ..	23	10	33
25. Other diseases of respiratory system ...	1	2	3
26. Ulcer of stomach and duodenum ... ..	1	1	2
27. Gastritis, enteritis and diarrhœa ... ..	1	—	1
28. Nephritis and nephrosis ... ..	4	2	6
29. Hyperplasia of prostate ... ..	6	—	6
30. Pregnancy, childbirth, abortion ... ..	—	—	—
31. Congenital malformations ... ..	4	3	7
32. Other defined and ill-defined diseases ...	27	30	57
33. Motor vehicle accidents ... ..	8	—	8
34. All other accidents ... ..	4	2	6
35. Suicide ... ..	2	3	5
36. Homicide and operations of war ... ..	—	—	—
<hr/>			
Total	295	310	605

## DEATHS.—AGE GROUPS

		Under										80 &										
		1	1—5	5—15	15—25	25—35	35—45	45—55	55—65	65—80	over	Total										
MALES	...	8	...	4	...	2	...	3	...	2	...	12	...	33	...	60	...	123	...	48	...	295
FEMALES	...	6	...	5	...	3	...	1	...	4	...	8	...	23	...	43	...	115	...	102	...	310
TOTAL	...	14	...	9	...	5	...	4	...	6	...	20	...	56	...	103	...	238	...	150	...	605

## STATEMENT SHOWING WHERE DEATHS OCCURRED.

In District ...	...	...	...	...	...	...	...
Tolworth Hospital ...	...	...	...	...	...	...	...
Kingston Hospital ...	...	...	...	...	...	...	...
London and other hospitals outside district	...	...	...	...	...	...	...
Died in other districts	...	...	...	...	...	...	...
							—
TOTAL	...	...	...	...	...	...	605
							—



**Birth-rates, Death-rates, Analysis of Mortality, Maternal Mortality and  
Case-rates for Certain Infectious Diseases in the Year 1951. Provisional  
figures based on Quarterly Returns**

	England and Wales	126 County Boroughs and Great Towns (including London)	148 Smaller Towns (Resident Pop. 25,000 —50,000 1931 Census)	London Adm. County
<b>Births</b>	<b>Rates per 1,000 Home Population</b>			
Live births ... ..	15.5	17.3	16.7	17.8
Still births ... ..	0.36	0.45	0.38	0.37
<b>Deaths</b>				
All Causes ... ..	12.5	13.4	12.5	13.1
Typhoid and paratyphoid ...	0.00	0.00	0.00	—
Whooping cough ... ..	0.01	0.01	0.01	0.01
Diphtheria ... ..	0.00	0.00	0.00	0.00
Tuberculosis ... ..	0.31	0.37	0.31	0.38
Influenza ... ..	0.38	0.36	0.38	0.23
Smallpox ... ..	0.00	0.00	0.00	—
Acute poliomyelitis (includ- ing polioencephalitis) ...	0.00	0.01	0.01	0.00
Pneumonia ... ..	0.61	0.65	0.63	0.61
<b>Notifications (corrected)</b>				
Typhoid fever ... ..	0.00	0.00	0.00	0.01
Paratyphoid fever ... ..	0.02	0.03	0.02	0.01
Meningococcal infection ...	0.03	0.04	0.03	0.03
Scarlet fever ... ..	1.11	1.20	1.20	1.10
Whooping cough ... ..	3.87	3.62	4.00	3.11
Diphtheria ... ..	0.02	0.02	0.03	0.01
Erysipelas ... ..	0.14	0.15	0.12	0.15
Smallpox ... ..	0.00	0.00	0.00	—
Measles ... ..	14.07	13.93	14.82	14.64
Pneumonia ... ..	0.99	1.04	0.96	0.72
Acute poliomyelitis (includ- ing polioencephalitis)				
Paralytic ... ..	0.03	0.03	0.03	0.02
Non-paralytic ... ..	0.02	0.02	0.03	0.02
Food poisoning ... ..	0.13	0.15	0.08	0.23
<b>Deaths</b>	<b>Rates per 1,000 Live Births</b>			
All causes under 1 year of age ... ..	29.6(a)	33.9	27.6	26.4
Enteritis and diarrhoea under 2 years of age ... ..	1.4	1.6	1.0	0.7
<b>Notifications (corrected)</b>	<b>Rates per 1,000 Total (Live and Still) Births</b>			
Puerperal fever and pyrexia	10.66	13.77	8.08	14.90
<b>Maternal Mortality in England and Wales</b>				
Intermediate List No. and cause	Number of Deaths	Rates per 1,000 Total (Live and Still) Births	Rates per million women aged 15—44	
A115 Sepsis of pregnancy, child- birth and the puerperium	70	0.10		
{ Abortion with toxæmia ...	3	0.00	0	
A116 { Other toxæmias of preg- nancy and the puerperium	167	0.24		
A117 Hæmorrhage of pregnancy and childbirth ... ..	91	0.13		
A118 Abortion without mention of sepsis or toxæmia ...	37	0.05	4	
A119 Abortion with sepsis ...	66	0.09	7	
A120 Other complications of preg- nancy, childbirth and the puerperium ... ..	125	0.18		

(a) Per 1,000 related live births

## SUMMARY OF BIRTH, INFANTILE MORTALITY AND DEATH RATES FOR THE PAST SIX YEARS.

Year		Births		Infantile Mortality		Deaths
1946	...	17.8	...	26.7	...	10.5
1947	...	18.8	...	24.5	...	10.7
1948	...	16.1	...	18.4	...	9.4
1949	...	14.5	...	17.4	...	9.2
1950	...	14.1	...	22.0	...	10.1
1951	...	12.6	...	20.8	...	11.1

### MORTUARY

The number of bodies received into the public mortuary was as follows:

For post-mortem examination and inquest	...	...	5
For post-mortem examination only	...	...	34
			—
		Total	39

### RAINFALL

Table showing rainfall in the district during 1951, taken at the Sewage Farm, Esher :—

January	...	...	...	...	...	3.36	ins.
February	...	...	...	...	...	5.62	..
March	...	...	...	...	...	3.07	..
April	...	...	...	...	...	2.59	..
May	...	...	...	...	...	1.86	..
June	...	...	...	...	...	0.90	..
July	...	...	...	...	...	1.26	..
August	...	...	...	...	...	2.70	..
September	...	...	...	...	...	2.45	..
October	...	...	...	...	...	0.69	..
November	...	...	...	...	...	5.66	..
December	...	...	...	...	...	1.89	..
						Total	32.05 ins.

Compared with the figures for the previous year this is an increase of 6.41 inches.

Average yearly rainfall for the past 5 years : 23.58 inches.

# NOTIFICATIONS OF INFECTIOUS DISEASE, 1951

DISEASES	Total	Under 1	AGE GROUPS										Over 65
			1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	
Scarlet fever ..	39	—	—	2	3	11	21	1	—	—	—	1	—
Pneumonia ..	60	2	—	—	1	1	2	1	2	1	7	18	25
Erysipelas ..	10	—	—	—	—	—	1	—	—	—	1	5	1
Puerperal pyrexia ..	2	—	—	—	—	—	—	—	—	—	—	—	—
Food poisoning ..	986	14	78	100	150	168	393	58	8	7	4	4	2
Measles ..	227	23	33	22	40	44	57	4	2	2	5	9	1
Whooping cough ..	36	—	—	—	—	—	—	—	—	3	1	—	—
Pulmonary tuberculosis ..	10	—	—	—	—	—	—	1	—	—	—	—	—
Non-pulmonary tuberculosis ..	1	—	—	—	—	—	—	—	1	—	—	—	—
Acute poliomyelitis ..	1	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal infection ..	1	—	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid ..	69	—	4	3	3	14	26	8	—	4	6	1	—
Dysentery ..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL	1443	39	115	128	197	238	506	75	13	38	27	38	29

## WARDS

DISEASES	Total	WARDS										Hinchley Wood
		Thames Ditton	Long Ditton	Esher	Claygate	Cobham	Stoke D'Abernon	East Molesey	West Molesey	Oxshott	..	
Scarlet fever ..	39	6	5	6	2	4	—	7	7	—	..	2
Pneumonia ..	60	24	6	15	1	2	1	4	—	1	..	6
Erysipelas ..	10	3	—	1	5	1	—	—	—	—	..	—
Puerperal pyrexia ..	1	—	—	—	—	—	—	—	1	—	..	—
Food poisoning ..	986	187	59	180	67	164	17	102	84	59	..	67
Measles ..	227	40	14	33	10	26	1	31	55	1	..	17
Whooping cough ..	36	6	1	2	3	5	1	10	7	—	..	1
Pulmonary tuberculosis ..	10	3	—	—	3	2	—	1	1	—	..	—
Non-pulmonary tuberculosis ..	1	—	—	—	1	—	—	—	—	—	..	—
Acute poliomyelitis ..	1	—	—	1	—	—	—	—	—	—	..	—
Meningococcal infection ..	1	—	—	—	—	—	—	—	—	—	..	—
Paratyphoid ..	69	27	14	11	—	2	—	7	8	—	..	—
Dysentery ..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL	1443	297	99	250	92	206	19	162	163	62	..	93

## PREVALENCE AND CONTROL OF INFECTIOUS AND OTHER DISEASES

*Scarlet Fever.*—The number of cases of scarlet fever notified during the year was 39. This is a rate of .76 per 1,000 population. All the cases were very mild and there were no deaths: 28 cases were treated at home and 11 cases were removed to hospital. All were single cases in a family.

*Acute Poliomyelitis.*—There was one case of paralytic poliomyelitis.

*Diphtheria.*—Once again it is very satisfactory to report that no case of diphtheria was reported during the year. The immunisation campaign is being continued energetically with the full co-operation of the medical practitioners in the district.

IMMUNISATION. — Details of the number of children immunised during the year are as follows :—

Number of primary immunisations carried out by Medical Officer of Health	...	...	...	...	...	...	185
Number of primary immunisations carried out by medical practitioners	...	...	...	...	...	...	361
Number of children receiving reinforcing doses by Medical Officer of Health	...	...	...	...	...	...	1,056
Number of children receiving reinforcing doses by medical practitioners	...	...	...	...	...	...	197

*Measles.*—Measles has been more prevalent during the year, a total of 986 cases being notified. The majority of the cases occurred in Thames Ditton, Esher and Cobham. There were no deaths.

Three requests were received from practitioners for prophylactic serum. This serum is of value in protecting very young or delicate contacts against the disease.

*Whooping Cough.*—The number of notified cases of whooping cough was 227.

Details of the number of children immunised against whooping cough are as follows :—

Number of primary immunisations carried out by Medical Officer of Health ... ..	144
Number of primary immunisations carried out by medical practitioners ... ..	177
Number of children receiving reinforcing doses by Medical Officer of Health ... ..	8
Number of children receiving reinforcing doses by medical practitioners ... ..	62

VACCINATION.—Details of the number of vaccinations carried out during the year are as follows :—

Number of primary vaccinations carried out by Medical Officer of Health ... ..	35
Number of primary vaccinations carried out by medical practitioners ... ..	552
Number of re-vaccinations carried out by Medical Officer of Health ... ..	23
Number of re-vaccinations carried out by medical practitioners	569

*Dysentery.*—The 69 cases of dysentery were of the mild Sonne type and the outbreak was an extension of that commencing in November, 1950, about which I commented in my last annual report. Most of the cases occurred in the first half of the year.

#### *Food Poisoning Outbreaks.*

Total number of outbreaks ... ..	None
----------------------------------	------

There were 2 sporadic cases. The organism responsible in one case was *S. Typhi-Murium* and in the other *Staph. Aureus*. In neither case was it possible to identify the food involved.

*Scabies.*—During 1951, 20 persons from 6 families received treatment. Of these 14 persons showed definite lesions, the remainder being contacts in the same families.

*Verminous Conditions.*—Fourteen cases of infestation by the head louse from 8 families were referred to the Department from various sources and were treated by the Public Health Nurse.



## WORK OF PUBLIC HEALTH NURSE

The duties of this officer include assistance with diphtheria immunisation and vaccination sessions, the treatment of scabies and other verminous conditions, routine infectious disease enquiries, the supervision of infectious cases treated at home, the following up of cases discharged from the isolation hospitals and various other useful functions. The following is a record of certain aspects of the work done during the year :—

Home visits in connection with infectious disease	...	645
Attendances at Diphtheria immunisation sessions	...	71
Attendances at Vaccination sessions	... ..	14
Home visits in connection with Scabies	... ..	20
Home visits in connection with verminous conditions	...	22
Home visits in connection with Food Poisoning	...	9
Home visits in connection with old people	... ..	20

### *Tuberculosis.*—

#### NEW CASES AND MORTALITY DURING 1951

Age Periods	New Cases				Deaths			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	1	—
5	—	—	4	1	—	—	—	1
15	3	6	—	1	—	—	—	—
25	6	6	1	1	1	1	—	—
35	4	1	—	1	1	—	—	—
45	4	1	1	—	2	—	1	—
55	3	1	—	—	2	—	—	—
65 upw'ds	1	—	—	—	—	—	—	—
TOTAL	21	15	6	4	6	1	2	1

## TUBERCULOSIS

Year	Estimated Population	New Cases		Deaths			
		Pulmonary		Non-Pulmonary		Pulmonary	
		No.	Rate per 1,000 population	No.	Rate per 1,000 population	No.	Rate per 1,000 population
1941	45,310	36	0.79	5	0.11	21	0.46
1942	45,540	35	0.76	8	0.17	18	0.39
1943	44,960	46	1.02	12	0.26	22	0.48
1944	43,200	50	1.15	14	0.32	18	0.41
1945	44,060	41	0.93	11	0.24	22	0.49
1946	48,140	31	0.64	7	0.14	16	0.33
1947	49,610	43	0.86	8	0.16	18	0.36
1948	50,790	37	0.73	8	0.15	7	0.14
1949	51,280	49	0.95	6	0.11	16	0.31
1950	51,500	28	0.54	2	0.04	10	0.19
1951	51,210	36	0.70	10	0.19	7	0.14
							0.06

At the end of the year the following number of cases remained on the tuberculosis register:—

	Pulmonary		Non-Pulmonary	
Males	...	...	...	14
Females	...	...	...	21
Total	221	221	—	35

# NUMBER OF NOTIFICATIONS RECEIVED YEARLY DURING THE PAST SEVEN YEARS

	1945	1946	1947	1948	1949	1950	1951
Scarlet fever ... ..	59	48	40	48	106	53	39
Diphtheria ... ..	3	5	—	—	—	—	—
Erysipelas ... ..	5	4	3	6	10	4	10
Pneumonia ... ..	3	15	11	19	14	8	60
Meningococcal infection ... ..	3	1	2	2	—	—	1
Dysentery ... ..	32	12	—	2	—	56	69
Paratyphoid ... ..	—	—	—	—	—	4	1
Typhoid ... ..	—	1	—	—	—	—	—
Puerperal pyrexia ... ..	2	—	1	—	1	1	1
Measles ... ..	754	95	626	483	374	138	986
Whooping cough ... ..	48	128	45	272	139	63	227
Tuberculosis (all forms) ... ..	52	38	51	45	55	30	46
Ophthalmia neonatorum ... ..	—	—	1	—	—	—	—
Acute poliomyelitis ... ..	—	1	6	1	3	16	1
Malaria ... ..	—	—	2	1	—	—	—
Encephalitis lethargica ... ..	—	—	—	—	—	—	—
Food poisoning ... ..	—	26	40	1	7	4	2

## NOTIFICATIONS RECEIVED MONTHLY DURING 1951

	Scarlet fever	Pneumonia	Erysipelas	Puerperal pyrexia	Food poisoning	Acute poliomyelitis	Meningococcal infection	Dysentery	Paratyphoid	Measles	Whooping cough	Pulmonary tuberculosis	Non-pulmonary tuberculosis	Total
January	6	22	4	—	—	—	1	16	—	139	10	—	—	198
February	3	19	—	—	—	1	—	18	—	235	71	6	1	354
March	8	9	—	—	—	—	—	12	—	292	73	5	1	400
April	3	5	—	—	—	—	—	6	—	137	24	1	1	177
May	2	—	1	—	—	—	—	10	—	50	20	—	2	85
June	5	1	1	—	2	—	—	1	—	57	4	3	2	76
July	1	—	—	—	—	—	—	2	—	67	3	4	2	79
August	3	—	—	—	—	—	—	—	—	3	2	3	1	12
September	3	—	—	1	—	—	—	1	1	4	8	3	—	21
October	1	3	1	—	—	—	—	—	—	1	2	3	—	11
November	—	—	3	—	—	—	—	—	—	—	5	5	—	13
December	4	1	—	—	—	—	—	3	—	1	5	3	—	17
TOTAL	39	60	10	1	2	1	1	69	1	986	227	36	10	1,443



## CASE RATES PER 1,000 POPULATION FOR CERTAIN INFECTIOUS DISEASES

			England and Wales	Urban District of Esher
Typhoid fever ... ..	...	...	0.00	—
Paratyphoid fever ... ..	...	...	0.02	0.01
Meningococcal infection ... ..	...	...	0.03	0.01
Scarlet fever ... ..	...	...	1.11	0.76
Whooping cough ... ..	...	...	3.87	4.43
Diphtheria ... ..	...	...	0.02	—
Erysipelas ... ..	...	...	0.14	0.19
Smallpox ... ..	...	...	0.00	—
Measles ... ..	...	...	14.07	19.25
Pneumonia ... ..	...	...	0.99	1.17
Acute poliomyelitis				
paralytic ... ..	...	...	0.03	0.01
non-paralytic ... ..	...	...	0.02	—
Food poisoning ... ..	...	...	0.13	0.03

## SCHOOLS

The number of children attending the County Schools and on the rolls at 31st March, 1951, was :—

Name of School.	No. on roll
Claygate County Primary J.M. ... ..	120
Claygate County Primary Infants' ... ..	81
Cobham C.E. Secondary ... ..	277
Cobham C.E. Primary J.M. ... ..	246
Cobham County Primary Infants' ... ..	219
Cobham Downside C.E. Primary ... ..	54
East Molesey C.E. Primary J.B. ... ..	135
East Molesey C.E. Primary J.G. ... ..	155
East Molesey County Primary Infants' ... ..	148
Esher C.E. Primary J.M. ... ..	208
Esher C.E. Infants' ... ..	100
Hinchley Wood County Secondary Mixed ... ..	939
Long Ditton C.E. Primary Junior Mixed ... ..	232
Long Ditton County Primary Infants' ... ..	210
Molesey County Secondary Boys ... ..	344
Molesey County Secondary Girls ... ..	276
Oxshott C.E. Primary J.M. ... ..	100
Thames Ditton County Primary J.M. ... ..	243
Thames Ditton County Primary Infants' ... ..	124
West Molesey County Primary J.M. ... ..	314
West Molesey County Primary Infants' ... ..	336
Total	<u>4,861</u>

## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

The Staff of the Public Health Department is set out at the beginning of this report.

The provision of health services in the area remains substantially unaltered from that set out in recent annual reports.

The following table shows the number of pathological examinations during the year under review :—

Disease					Number
Tuberculosis	...	...	...	Sputa	16
Scarlet fever	...	...	...	Swabs	6
Diphtheria	...	...	...	Swabs	9
Typhoid and Paratyphoid	...	...	...	Sewage swabs	1
				Fæces	8
				Blood	1
Food poisoning	...	...	...	Fæces	19
				Food specimens	2
Dysentery	...	...	...	Fæces	518
Infective enteritis	...	...	...	Fæces	23
Whooping cough	...	...	...	Swab	1
Weil's disease	...	...	...	Blood	1
					—
Total					605
					—

## SANITARY CIRCUMSTANCES OF THE AREA

1. *Water*.—The water supply provided by the Metropolitan Water Board and the East Surrey Water Company in the Northern and Southern parts of the district respectively has remained above suspicion.

The regular inspection and sampling of wells in use in the rural parts of the district was continued, and nine samples of water from such sources were submitted for bacteriological examination.

## 2. *Drainage, Sewerage and Sewage Disposal.*

Apart from the laying of new soil and surface water sewers in connection with the Council's housing development, the major sewerage operation carried out has been the laying of 989 lin. yards of 6in., 7in. and 9in. diameter sewers in Sandy Lane, Oxshott. By this means it will be possible to abolish 30 cesspool and septic tank installations, including those at some very extensive school premises, with a consequent benefit to public health.

On the 27th September, 1951, the Council's Consulting Engineers, Messrs. J. D. & D. M. Watson, MM.I.C.E., presented their preliminary report incorporating their suggestions for carrying out the necessary alterations and additions to the Esher and Molesey Sewage Disposal Works; this report followed very much on the lines of that submitted by Mr. C. G. Alderton, A.M.I.C.E., M.I.Mun.E., Chartered Civil Engineer, the Engineer and Surveyor to the Council, the previous year. The scheme involves the abandonment of the Molesey Sewage Disposal Works for treatment purposes and the considerable enlargement and modernisation of the Esher Sewage Works, where the combined flows would be treated, and the Consulting Engineers estimated that it would cost approximately £250,000 to carry out these proposals.

The Council accepted the report of the Consulting Engineers and the recommendations contained therein were approved in principle, and it was decided to forward the report to the Ministry of Housing and Local Government for their observations.

## 3. *Rivers and Streams.*

Attention continues to be given to keeping the public watercourses free from obstruction and pollution.

# PRESCRIBED PARTICULARS ON THE ADMINISTRATION OF THE FACTORIES ACT, 1937

1. Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspectors) :

Premises	Number on Register	Number of			Occupiers Prosecuted
		Inspections	Written Notices		
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... ..	54	52	—		—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ..	183	136	3		—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	—	—	—		—
TOTAL ... ..	237	188	3		—

## 2. Cases in which Defects were found :—

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	To H.M. Inspector	Referred By H.M. Inspector	
Want of cleanliness (S.1) ...	6	6	—	2	—
Overcrowding (S.2) ...	1	1	—	1	—
Unreasonable temperature (S.3) ...	3	3	—	—	—
Inadequate ventilation (S.4) ...	2	2	—	2	—
Ineffective drainage of floors (S.6) ...	—	—	—	—	—
Sanitary conveniences (S.7)					
(a) Insufficient ...	5	5	—	3	—
(b) Unsuitable or defective ...	6	6	—	2	—
(c) Not separate for sexes ...	5	5	—	—	—
Other offences against the Act (not including offences relating to Out-work) ...	4	4	—	—	—
TOTAL ...	32	32	—	10	—
Outwork (Sections 110 and 111) ...					
					Nil

## ANNUAL REPORT OF THE SENIOR SANITARY INSPECTOR FOR THE YEAR 1951

*To the Chairman and Members  
of the Urban District Council of Esher.*

*July, 1952.*

LADIES AND GENTLEMEN,

I have the honour to submit my twenty-second Annual Report upon the work of your Sanitary Inspectors for the year 1951.

The report is compiled in accordance with the directions contained in a memorandum from the Ministry of Health and as required by Article XXVII (18) of the Sanitary Officers Order, 1935.

It follows the lines of previous reports and, with one or two exceptions, is tabulated.

### COMPLAINTS

The number of complaints received at these Offices and attended to during the year amounted to 321 relative to the following matters :—

Animals improperly kept ... ..	6
Damp Walls, etc. ... ..	103
Blocked Drains ... ..	36
Need for Cleansing Rooms, etc. ... ..	10
Absence of Dustbins ... ..	9
Overcrowding ... ..	9
Defective Roofs, Gutters, etc. ... ..	31
Non-removal of Rubbish ... ..	11
Offensive Smells ... ..	24
Water Closets Defective ... ..	14
Verminous Conditions ... ..	8
Insects, Flies, Beetles, etc. ... ..	10
Miscellaneous ... ..	50
Total	<u>321</u>

In addition, 26 Notices were received from the Metropolitan Water Board, stating that the water supply had been withdrawn from houses for various reasons.

As each complaint or notice was received, the same was investigated with the least possible delay and dealt with as required by circumstances.



## INSPECTION OF DISTRICT

Number of houses and premises inspected ... ..	676
Number of houses and premises re-inspected ... ..	1471
Number of miscellaneous visits ... ..	269
Number of visits to works in progress ... ..	319
Number of visits to dairies and milkshops ... ..	31
Number of visits to bakehouses ... ..	81
Number of visits to factories ... ..	107
Number of visits to food premises ... ..	290
Number of visits re disinfection ... ..	61
Number of visits re cases of infectious disease ... ..	359
Number of visits re disinfestation ... ..	53
Number of visits re drains tested with smoke or water ...	15
Visits re Housing ... ..	35
Visits re Food and Drugs Act, 1938 ... ..	166
Visits re Milk Sampling ... ..	116
Visits re Water Sampling ... ..	9
Visits to Foodshops ... ..	282
Visits to Piggeries ... ..	18
Visits re Ice Cream ... ..	21
Visits re Caravans ... ..	42
Outworkers' premises ... ..	5
Shops Act ... ..	14
Visit re Spraying of Ponds, etc. ... ..	1
Visits re Rag Flock and Other Filling Materials Act, 1949 ...	5

## NOTICES SERVED

Informal Notices (written) ... ..	212
Informal Notices (verbal) ... ..	103
Abatement Notices in respect of nuisances, Section 93, Public Health Act, 1936 ... ..	45
Abatement Notice to provide covered dustbin for house refuse, Section 75, Public Health Act, 1936 ... ..	1
Formal Notice to drain a building, Section 39, Public Health Act, 1936 ... ..	1
Formal Notices in connection with watercourses, ditches, ponds, etc., Section 259, Public Health Act, 1936 ... ..	2
Formal Notices in connection with sanitary conveniences, Section 7. Factory Act, 1937 ... ..	2

## LEGAL PROCEEDINGS

A notice served towards the end of 1950 on the owner of a snack bar under the provisions of Section 89 of the Public Health Act, 1936, requiring him to provide sufficient male lavatory accommodation at his refreshment house, not having been complied with, a prosecution was authorised by the Council and was heard by the Magistrates on the 28th May, 1951. The owner of the property was warned that he would be subject to penalties if no steps were taken to comply with the Council's requirements. After five adjournments the case came before the Magistrates again on the 26th November, 1951. The work, however, had been commenced in accordance with the Formal Notice served. The Magistrates decided to fine the defendant £5 with 10 guineas costs and imposed a penalty of 10/- per day until the work was completed. A sum of £21 accrued as penalties.

Legal proceedings were also commenced in respect of two other properties as the owner failed to comply with the Abatement Notices served under the provisions of Section 93 of the Public Health Act, 1936. The summons in the case of one property was adjourned *sine die* pending settlement of certain questions under consideration by the War Damage Commissioners. Work was completed at the other property before the case was due to come before the Magistrates' Court again, and was therefore withdrawn.

## SANITARY IMPROVEMENTS CARRIED OUT :—

## DRAINAGE SYSTEMS

Repaired, cleansed, etc.	...	...	...	...	...	...	36
Completely relaid	...	...	...	...	...	...	5
Additional provided	...	...	...	...	...	...	7
Gullies fixed or repaired	...	...	...	...	...	...	2
Intercepted from sewer	...	...	...	...	...	...	2
Curbing around gullies repaired or renewed	...	...	...	...	...	...	7
House—subsoil drained	...	...	...	..	...	...	1

## MANHOLES

New provided	...	...	...	...	...	...	10
New covers fixed	...	...	...	...	...	...	7
Altered or repaired	...	...	...	...	...	...	1
Cleared and cleansed	...	...	...	...	...	...	1



## VENTILATING SHAFTS

Mica flap valves fixed or repaired	...	...	...	...	...	2
New fixed	...	...	...	...	...	2

## SOIL PIPES

Repaired	...	...	...	...	...	6
----------	-----	-----	-----	-----	-----	---

## WATER CLOSETS

Rebuilt	...	...	...	...	...	6
Additional provided	...	...	...	...	...	13
New pans fixed	...	...	...	...	...	17
Pans cleansed or repaired	...	...	...	...	...	6
New flushing cisterns fixed	...	...	...	...	...	16
Flushing cisterns repaired	...	...	...	...	...	4
Seats repaired or new provided	...	...	...	...	...	14
Doors repaired	...	...	...	...	...	8
Internal walls rendered or repaired	...	...	...	...	...	11
Roofs repaired	...	...	...	...	...	6
Floor repaired or relaid	...	...	...	...	...	1
Lighted or ventilated	...	...	...	...	...	2
Anti-syphonage pipe provided	...	...	...	...	...	1
Ceilings repaired or renewed	...	...	...	...	...	6
External walls rendered or repaired	...	...	...	...	...	3

## SINKS, BATHS, ETC.

New fixed	...	...	...	...	...	22
Repaired	...	...	...	...	...	4

## WASTE PIPES, ETC.

Waste pipes repaired or renewed	...	...	...	...	...	2
New provided	...	...	...	...	...	16
Trapped	...	...	...	...	...	2

## RAINWATER PIPES

Repaired	...	...	...	...	...	92
New provided	...	...	...	...	...	37

## WATER SUPPLY

New storage tank fixed	...	...	...	...	...	1
Storage tank repaired	...	...	...	...	...	1
Water reinstated or laid on	...	...	...	...	...	3
Service pipes repaired, etc.	...	...	...	...	...	3
Draw off taps disconnected or renewed	...	...	...	...	...	2

## DUST RECEPTACLES

Provided ... ..	63
-----------------	----

## DAMPNESS

Roofs repaired ... ..	87
Eaves gutters repaired or renewed ... ..	99
Ventilation provided under floors ... ..	3
External walls pointed ... ..	3
External walls rendered ... ..	7
House walls treated with solution ... ..	23
Sills repaired ... ..	31
Damp course fixed ... ..	4

## PAVING, ETC.

Yard paved ... ..	1
Yard paving repaired ... ..	8
Yard cleansed ... ..	1

## GENERAL REPAIRS

External walls repaired ... ..	12
Windows repaired or renewed ... ..	91
House floors repaired or renewed ... ..	52
Doors repaired or renewed ... ..	38
Ranges or coppers repaired or renewed ... ..	46
Internal walls repaired ... ..	139
Ceilings provided ... ..	4
Ceilings repaired or renewed ... ..	104
Rooms cleansed ... ..	202
Accumulations removed ... ..	23
Sasheords renewed ... ..	42
Chimney stacks and chimney pots repaired or renewed ... ..	35
Windows made to open ... ..	21
Skirtings repaired ... ..	52
Rooms ventilated ... ..	3
Additional windows provided ... ..	6
Animals removed ... ..	2
Reveals to doors and windows repointed ... ..	7
Miscellaneous ... ..	39

## HOUSING

Number of houses built by the Council during 1951 ... ..	106
Number in course of construction at the end of the year ... ..	176
Number of houses built by Private Enterprise during 1951 ... ..	54
Number in course of construction at the end of the year ... ..	69

## FOOD

As mentioned in previous reports, the slaughtering of food animals in this district has practically ceased.

Occasional slaughter of animals takes place by permission of the Food Executive Officer of the Esher Food Control Committee.

Food premises have been regularly visited and invariably found satisfactory.

Appended is a list giving details of the class and quantity of food condemned as unfit for human consumption.

In many cases this food was utilised for animal feeding or, in compliance with the directions of the Ministry of Food, the material was returned through the suppliers to the recognised salvage organisation for reprocessing. In a few cases it was found necessary to be destroyed.

The number of visits to shops for the purpose of food inspection was 282.

The following shows the number of carcasses examined :—

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed ... ..	—	—	1	—	17
Number inspected ... ..	—	—	1	—	17
All diseases except Tuberculosis:					
Whole carcasses condemned ...	—	—	—	—	—
Carcasses of which some part or organ was condemned ...	—	—	—	—	—
Percentage of the number inspected affected with disease other than tuberculosis ...	—	—	—	—	—
Tuberculosis only:					
Whole carcasses condemned ...	—	—	—	—	—
Carcasses of which some part or organ was condemned ...	—	—	—	—	—
Percentage of the number inspected affected with tuber- culosis ... ..	—	—	0.00	—	0.00

There were six licensed slaughtermen on the Register at the end of the year.

The following diseased or otherwise unsound meat and food was surrendered and destroyed or dealt with as previously mentioned :—

	lbs.		lbs.
Beef ... ..	264½	Fish ... ..	273½
Biscuits ' ... ..	41	Ham ... ..	39
Blanc Mange powder ...	38	Pork ... ..	24
Cake ... ..	14	Prunes ... ..	20
Carrots (Dehydrated) ...	76	Sausages ... ..	24
Cereal ... ..	11	Sugar ... ..	27
Chickens ... ..	121	Tongues, Ox ... ..	122
Cooking Chocolate ...	1½		

#### TINNED, BOTTLED AND OTHER FOOD :—

Apricots ... ..	10 tins	Milk ... ..	129 tins
Beans ... ..	33 tins	Peas ... ..	311 tins
Beef, Corned ... ..	7 tins	Pickles ... ..	4 jars
Beetroot ... ..	12 tins	Plums ... ..	161 tins
Eggs ... ..	173	Preserves ... ..	13 tins
Fish ... ..	175 tins	Puddings ... ..	2 pkts.
Fruit ... ..	194 tins	Rabbit ... ..	2 tins
Fruit Juice ... ..	2 tins	Sauce ... ..	23 bots.
Ham ... ..	46 tins	Sausages ... ..	33 tins
Jelly ... ..	1 pkt.	Soup ... ..	27 tins
Junket ... ..	48 pkts.	Tongue ... ..	1 tin
Liver ... ..	4 tins	Tomatoes ... ..	22 tins
Luncheon Meat ... ..	200 tins	Vegetables ... ..	51 tins
Meat ... ..	10 tins		

#### CLEAN FOOD CAMPAIGN

With a few exceptions, there has been a general improvement in the standard of cleanliness, etc., of food premises within the Esher Urban District. In many cases instantaneous water heaters have been installed to ensure that there is hot water for the washing of hands. A number of glass cases have been provided to house unprotected food and the great majority of food traders were most helpful in carrying out suggestions to improve standards.

## MILK SUPPLY

Samples of milk have been taken for bacteriological examination for microscopic and biological tests for tuberculosis and phosphatase test for detecting imperfect pasteurisation.

The results of the samples taken for the year under review are tabulated below :—

	Total	Satisfactory	Unsatisfactory	
Samples of raw milk submitted for the detection of Tubercle bacilli ... ..	52	51	1	(contained Tubercle bacilli)
Samples submitted for the Phosphatase test (obtained from retailers) ... ..	67	65	2	
Samples submitted for the Phosphatase test (obtained from schools*) ... ..	16	16	—	
Total	135	132	3	

\*Claygate County Primary J.M., Cobham C.E. Secondary, Cobham Downside C.E. Primary, East Molesey County Primary J. Girls' (2 samples), East Molesey County Primary Infants', Esher C.E. Primary J.M. (2 samples), Esher C.E. Primary Infants', Long Ditton C.E. Primary J.M., Oxshott C.E. Primary J.M. and Infants' (2 samples), Rowan Brae Preparatory, Thames Ditton Connty Primary Infants', West Molesey County Secondary Mixed, West Molesey County Primary Infants'.

In the one case where tubercle bacilli was found the information was immediately passed to the County Medical Officer of Health and the Divisional Inspector of the Ministry of Agriculture and Fisheries.

The herd involved was examined and the following information was given by the Veterinary Inspector : Individual and group samples were taken and these resulted in one animal being slaughtered under the Tuberculosis Order.

## ICE CREAM

Results of Ice Cream Sampling for Bacteriological Examinations :—

Sample No.	B. Coli.	Methylene Blue Test	Provisional Grade
53	Coliforms present in 1/10 ml. Fæcal coli absent	Decolourised at the end of 2 hours	3
54	Coliforms absent in 1/10 ml.	Not decolourised at the end of 4½ hours	1
62	Coliforms present in 1/10 ml. Fæcal coli absent	Decolourised at the end 0 hours	4
71	Coliforms present in 1/10 ml. Fæcal coli present	Decolourised at the end of 2 hours	3
75	Coliforms present in 1/10 ml. Fæcal coli absent	Decolourised at the end 4½ hours	1
85	Coliforms absent in 1/10 ml.	Decolourised at the end 2½ hours	2
90	Coliforms absent in 1/10 ml. Fæcal coli present after pre-incubation	Not decolourised at the end of 4½ hours	1
124	Coliforms present in 1/10 ml. Fæcal coli absent	Decolourised at the end 3 hours	2
125	Coliforms absent in 1/10 ml. Fæcal coli present after pre-incubation	Not decolourised at the end of 4½ hours	1
126	Coliforms present in 1/10 ml. Fæcal coli present	Not decolourised at the end of 4½ hours	1
143	Coliforms present Fæcal coli present	Not decolourised at the end of 4½ hours	1
156	Coliforms absent	Not decolourised at the end of 4½ hours	1
165	Coliforms present Fæcal coli present	Not decolourised at the end of 4½ hours	1

NOTE :—

Sample Nos. 54, 75, 90, 126, 143, 156 and 165 were from the same manufacturer.

Sample Nos. 53, 62, 71 and 125 were from the same manufacturer.

NOTE.—The provisional grades which are referred to above are those introduced by the Ministry of Health. They are based on the number of organisms in the ice cream absorbing oxygen, and this is shown by the reduction of colour in Methylene Blue which is an aniline dye.

After incubation, the quicker the reduction of the colour the poorer the quality of the ice cream.



The four grades recommended are as follows :—

Grade 1 (Best quality)	time taken to reduce methylene blue	4½hrs. or over.
Grade 2	“ “ “ “ “ “	2½hrs. to 4hrs.
Grade 3	“ “ “ “ “ “	½hr. to 2hrs.
Grade 4	“ “ “ “ “ “	0hrs.

The methylene blue test does not indicate the types of organisms present, but shows the number of organisms as a whole present in the ice cream.

It could be said to show the bacterial cleanliness of the ice cream.

The above results continue to be better than those of the last two years, as the following figures show :—

1949		1950		1951	
Grade 1	... 41.38%	Grade 1	... 56.25%	Grade 1	... 61.54%
Grade 2	... 20.69%	Grade 2	... 25.00%	Grade 2	... 15.39%
Grade 3	... 34.49%	Grade 3	... 12.50%	Grade 3	... 15.39%
Grade 4	... 3.44%	Grade 4	... 6.25%	Grade 4	... 7.68%

### MILK AND DAIRIES' REGULATIONS, 1949

Number of Milk Distributors registered in the area	...	11
Number of premises registered as Dairies (not being Dairy Farms)	... ..	5

Licences under the Milk and Dairies (Special Designations) (Pasteurised and Sterilised) Regulations, 1949, have been issued as follows :

Dealers' Licences to sell "Sterilised" Milk	... ..	12
Dealers' Licences to sell "Pasteurised" Milk	... ..	13
Supplementary Licences to sell "Sterilised" Milk	... ..	5
Supplementary Licences to sell "Pasteurised" Milk	... ..	8

Licences under the Milk (Special Designation) (Raw Milk) Regulations, 1949, have been issued as follows :—

Dealer's Licence to sell "Accredited" Milk	... ..	1
Dealers' Licences to sell "Tuberculin Tested" Milk	... ..	13
Supplementary Licences to sell "Tuberculin Tested" Milk	... ..	8

## FOOD AND DRUGS ACT, 1938

Sampling has been continued throughout the year, a total of 166 samples of various foods and drugs having been obtained and submitted to the Council's Public Analyst.

This total represents an average of 3.08 samples per 1,000 of the population based on the Registrar General's estimated population figure of 51,210 for 1951.

The following table gives details of the samples obtained :—

							Formal	Informal
Almond Slices	...	...	...	...	...	...	—	1
Aspic Jelly	...	...	...	...	...	...	—	1
Battenburg Cake	...	...	...	...	...	...	—	1
Beer, Bitter	...	...	...	...	...	...	6	—
Beer, Burton	...	...	...	...	...	...	1	—
Beverages	...	...	...	...	...	...	2	1
Biscuits	...	...	...	...	...	...	—	2
Boracic Acid Powder	...	...	...	...	...	...	—	1
Bread	...	...	...	...	...	...	—	3
Butter	...	...	...	...	...	...	13	—
Butter Scotch	...	...	...	...	...	...	—	1
Cake, Slab	...	...	...	...	...	...	—	1
Cake Flour Mixture	...	...	...	...	...	...	—	3
Carrots, Strained	...	...	...	...	...	...	—	1
Chocolate Cake	...	...	...	...	...	...	—	1
Chocolate Shortbread	...	...	...	...	...	...	—	1
Chocolate Limes	...	...	...	...	...	...	—	1
Chocolate Liquid	...	...	...	...	...	...	—	1
Cider	...	...	...	...	...	...	1	1
Coffee	...	...	...	...	...	...	—	2
Coffee, Extract Dried	...	...	...	...	...	...	—	1
Coffee and Chicory Essence	...	...	...	...	...	...	—	1
Coconut Slices	...	...	...	...	...	...	—	1
Congress Tarts	...	...	...	...	...	...	—	1
Cornflour	...	...	...	...	...	...	—	1
Cream	...	...	...	...	...	...	1	—
Cream, Double	...	...	...	...	...	...	—	1
Cream Cake	...	...	...	...	...	...	—	1
Cream Buns	...	...	...	...	...	...	—	1
Curry Powder	...	...	...	...	...	...	—	2
Custard Powder	...	...	...	...	...	...	—	3
Fern Cakes	...	...	...	...	...	...	—	1
Fish Cakes	...	...	...	...	...	...	1	—
Flavouring, Vanilla	...	...	...	...	...	...	—	1
Flavouring, Almond	...	...	...	...	...	...	—	1



*Continued.*

Formal Informal

Grape Fruit Squash	...	...	...	...	—	1
Gelatine	...	...	...	...	—	1
Ginger, Ground	...	...	...	...	—	1
Gravy Cubes	...	...	...	...	—	1
Ice Cream	...	...	...	...	2	—
Jam	...	...	...	...	—	2
Jelly, Table	...	...	...	...	—	1
Lemon Squash	...	...	...	...	—	1
Lime Squash	...	...	...	...	—	1
Liver Salts	...	...	...	...	—	2
Luncheon Meat	...	...	...	...	2	1
Macaroons	...	...	...	...	—	2
Milk	...	...	...	...	38	3
Milk, Dried	...	...	...	...	—	1
Milk, Whipping Compound	...	...	...	...	—	1
Oats, Porridge	...	...	...	...	—	1
Olive Oil	...	...	...	...	—	1
Orange Squash	...	...	...	...	—	2
Paraffin, Liquid	...	...	...	...	—	1
Pasty, Cornish	...	...	...	...	1	1
Pepper, Flavoured Compound	...	...	...	...	—	1
Pickle	...	...	...	...	—	1
Pie, Fruit	...	...	...	...	—	1
Rice	...	...	...	...	—	3
Russian Slices	...	...	...	...	—	1
Saccharin Tablets	...	...	...	...	—	1
Sausage Meat, Beef	...	...	...	...	2	—
Sausages, Beef	...	...	...	...	3	—
Sausage, Breakfast	...	...	...	...	1	—
Sausage, Preserved Pork	...	...	...	...	1	—
Sausage Meat, Pork	...	...	...	...	1	—
Sausage, Pork	...	...	...	...	—	1
Semolina	...	...	...	...	—	1
Spice, Pickling	...	...	...	...	—	1
Sponge Cake	...	...	...	...	—	1
Sponge Mixture	...	...	...	...	—	2
Stout	...	...	...	...	2	—
Stuffing, Sage & Onions	...	...	...	...	—	1
Sugar Almonds	...	...	...	...	—	1
Sultana Buns	...	...	...	...	—	1
Tapioca	...	...	...	...	—	1
Tea	...	...	...	...	—	1
Toffees, Assorted	...	...	...	...	—	1
Walnut, Cake	...	...	...	...	—	1
Wheat, Puffed	...	...	...	...	—	1
Whisky	...	...	...	...	2	—
Total					80	86

Genuine ... 162      Not Genuine ... 4      Total ... 166

The following statement gives details of the samples reported upon adversely by the Public Analyst :—

<i>Sample No.</i>	<i>Article</i>	<i>Details of Irregularity</i>	<i>Action Taken</i>
43	Bread	This sample was contaminated with rodent excreta.	A warning letter was sent to Vendor. Premises also inspected for signs of rodent infestation.
72	Beef Aspic Jelly	The ingredients of this sample were not specified on the label as required by the Labelling of Food Order, 1950.	Manufacturer communicated with and explanation accepted. The sample was purchased from a local Vendor and came from old stock.
108	Ground Ginger	This sample was deficient in aroma and pungency.	Letter sent to Vendor, who surrendered remainder of old stock, which was destroyed.
109	Bread	This sample was slightly contaminated with grease and oil containing carbonaceous matter.	A warning letter was sent to Vendor.

NOTE.—All these commodities were purchased informally.

## FACTORIES

The number of visits made under the Factories Act, 1937, was 188, as follows :—

81 to Bakehouses.

107 to other Factory premises.

Seventeen Bakehouses have mechanical power and ten are without mechanical power. There are no underground bakehouses.

The number of factories in the district with mechanical power is 183.

The number of factories in the district without mechanical power is 54.

The number of workplaces is 48.

The number of Certificates issued as to means of escape in case of fire, as provided by Section 34 of the Factories Act, 1936, was three.

## SHOPS ACT, 1912—1935

Three complaints were received as to contravention of the Acts as follows :—

For selling goods on a Sunday ... ..	3
For keeping open after permitted hours ... ..	4
For insufficient sanitary accommodation ... ..	1

Each complaint was investigated and the matter rectified.

## PREVENTION OF DAMAGE BY PESTS ACT, 1949

The period under review completes the second year during which the Council has carried out the provisions of the above Act. The work has gone steadily forward and rat infestation has been reduced, particularly in the Council's Sewage system.

Generally speaking, rat infestation in the Esher Urban District has not been above normal, except, perhaps, in the agricultural area of Woodstock Lane, Claygate, and the Kingston By-Pass at Hinchley Wood, where a widespread infestation was found. The rats were feeding on acorns in

the hedgerows. Action was taken in these two cases of infestation which had undoubtedly caused an increase in the number of complaints from the residents of the Hinchley Wood area adjacent to this land.

During the year the Ministry of Agriculture and Fisheries has sanctioned the use of another poison, called "Warfarin," which is an anti-blood coagulant, and when introduced in the rodent's system, in very small amounts over two or three days, weakens and painlessly destroys them. This poison has one or two advantages, viz.: it may be used without pre-baiting and is practically safe, except if consumed in large quantities, for all other animals who may come into contact with it. A disadvantage would appear to be that it is rather expensive to use as compared with other methods of control, but the time-saving factor may help to offset this.

Mr. R. J. Clarke, the Council's Pest Officer, to whose excellent services I must pay tribute, has attended the Courses and Discussions held by the Rodent Division of the Ministry of Agriculture and Fisheries, and their Inspectors have from time to time visited the district to give us the benefit of their experience and, incidentally, to satisfy themselves that we are carrying out the work in such a manner as to qualify for the 50% grant.

Routine inspection of the public sewers in the district was carried out during the year and 157 manholes (equal to 10% of the whole) were test baited. None was found to be rat infested.

Sewage Farms, Tips and other Council properties have also been inspected and treated during the year.

The Surrey County Council Education Committee have decided that pest control at their School Canteens in the Esher Urban District should be carried out by us as from the 1st April, 1952.

The number of business premises for which servicing arrangements have been made is 40, the monetary value amounting to £278 10s. 5d.

# PREVENTION OF DAMAGE BY PESTS ACT, 1949

Report for Period 1st January to 31st December, 1951

	TYPE OF PROPERTY				
	Local Authority	Dwelling Houses	Agricultural	All other (including Business and Industrial)	TOTAL
I. Total number of properties in Local Authority's District ... ..	68	15,326	32	1,133	16,559
II. Number of properties inspected by the Local Authority during 1951 as a result (a) of notification or (b) otherwise ... ..	(a) — (b) 14	610 47	— 15	40 23	650 99
III. Number of properties (under II) found to be infested by rats ... ..	Major 2 Minor 10	— 556	— —	4 54	6 620
IV. Number of properties (under II) found to be seriously infested by mice ... ..	—	52	—	19	71
V. Number of infested properties (under III and IV) treated by the Local Authority ...	12	608	—	47	667
VI. Number of notices served under Section 4 :— (1) Treatment ... .. (2) Structural Works (i.e., Proofing) ...	— —	— —	— —	— —	— —
TOTAL ...	106	17,199	47	1,320	18,672
VII. Number of cases in which default action was taken by Local Authority following issue of notice under Section 4 ... ..	—	—	—	—	—
VIII. Legal Proceedings ... ..	—	—	—	—	—
IX. Number of "block" control schemes carried out ... 3.					

## SPRAYING PONDS AND DITCHES

The systematic spraying of ponds, ditches, water courses and water holes in the district with Mosquito Oil has been carried out as in previous years.

---

In conclusion, I desire to place on record my appreciation of the support given by everyone in the Department and to thank the officers and staff of other Departments of the Council for their ready co-operation and helpfulness.

I am,

Your obedient Servant,

REGINALD F. WHEELER.

*Senior Sanitary Inspector.*